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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
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| 10/029,161      | 12/21/2001  | Stephen A. Loughran  | 10019035-1          | 4618             |

7590 02/23/2005  
HEWLETT-PACKARD COMPANY  
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P.O. Box 272400  
Fort Collins, CO 80527-2400

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| EXAMINER |
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PARTON, KEVIN S

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| ART UNIT | PAPER NUMBER |
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2153

DATE MAILED: 02/23/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

10/029,161

Applicant(s)

LOUGHRAN ET AL.

Examiner

Kevin Parton

Art Unit

2153

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-18 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-18 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 21 December 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. ____. |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date ____. | 6) <input type="checkbox"/> Other: ____.  |

## DETAILED ACTION

### *Claim Rejections - 35 USC § 102*

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 1-3, 5-9, 11-13, 15, 16, and 18 are rejected under 35 U.S.C. 102(e) as being anticipated by Rai et al. (USPN 6,421,714).

3. Regarding claim 1, Rai et al. (USPN 6,421,714) teach a system for network tunneling with means for:

- a. Providing a client linked to a network (figure 2, element 40, 42).
- b. Simulating an operation of a modem in the client with respect to a portable device (column 4, line 66 – column 5, line 2; column 6, lines 21-27).
- c. Tunneling a network access by the portable device from the client to a network portal (column 6, lines 21-27; column 8, lines 21-29).

4. Regarding claim 2 Rai et al. (USPN 6,421,714) teach all the limitations as applied to claim 1. They further teach means wherein the step of tunneling the network access by the portable device from the client to the network portal further comprises tunneling

the network access beyond a protected side of a firewall where the client is located on the protected side of the firewall (column 34, lines 23-32).

5. Regarding claims 3, 9, 13, and 16, Rai et al. (USPN 6,421,714) teach all the limitations as applied to claims 1, 8, 12, and 15, respectively. They further teach means wherein the step of tunneling the network access by the portable device from the client to the network portal further comprises obtaining a network address of the network portal (column 4, line 66 – column 5, line 2; column 6, lines 21-27). Note that the network address of the destination must be known.

6. Regarding claims 5, 11, and 18, Rai et al. (USPN 6,421,714) teach all the limitations as applied to claims 1, 8, and 15, respectively. They further teach means for establishing a channel between the client and the network portal (column 6, lines 21-27; column 8, lines 21-29).

7. Regarding claim 6, Rai et al. (USPN 6,421,714) teach all the limitations as applied to claim 5. They further teach means for accessing a mobile application maintained at the network portal (column 6, lines 21-25). Note that any Internet application may be accessed via the Internet Service Provider.

8. Regarding claim 7, Rai et al. (USPN 6,421,714) teach all the limitations as applied to claim 5. They further teach means for accessing a network page from a server coupled to the network through the network portal (column 6, lines 21-25). Please note that the client would access network pages via the Internet Service Provider.

9. Regarding claims 8, 12, and 15, Rai et al. (USPN 6,421,714) teach a system for network tunneling with means for:

- a. Simulating an operation of a modem in a client with respect to a portable device (column 4, line 66 – column 5, line 2; column 6, lines 21-27).
- b. Tunneling a network access by the portable device from the client to a network portal through a firewall between the client and the network portal (column 6, lines 21-27; column 8, lines 21-29; column 34, lines 23-32).

***Claim Rejections - 35 USC § 103***

10. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

11. Claims 4, 10, 14, and 17 are rejected under 35 U.S.C. 103(a) as being unpatentable over Rai et al. (USPN 6,421,714) in view of Cobbett et al. (USPN 6,775,366).

12. Regarding claims 4, 10, 14, and 17, although the system disclosed by Rai et al. (USPN 6,421,714) (as applied to claims 3, 9, 13, and 16, respectively) shows substantial features of the claimed invention, it fails to disclose means for:

- a. Obtaining a telephone number from the portable device that is employed to access the network portal through a telecommunications network.
- b. Querying a uniform resource locator (URL) mapper for the network portal address that is associated with the telephone number.

Nonetheless, these features are well known in the art and it would have been an obvious modification of the system disclosed by Rai et al. (USPN 6,421,714) as evidenced by Cobbett et al. (USPN 6,775,366).

In an analogous art, Cobbett et al. (USPN 6,775,366) discloses a system for Internet access on a telecommunications network with means for:

- a. Obtaining a telephone number from the portable device that is employed to access the network portal through a telecommunications network (column 1, line 50 – column 2, line 26).
- b. Querying a uniform resource locator (URL) mapper for the network portal address that is associated with the telephone number (column 4, lines 28-36; figure 1).

Given the teaching of Cobbett et al. (USPN 6,775,366), a person having ordinary skill in the art would have readily recognized the desirability and advantages of modifying the system of Rai et al. (USPN 6,421,714) by obtaining a telephone number from the portable device and converting this to a URL for portal access. This benefits the system by allowing the portable device to store phone numbers for an access server without the corresponding URL.

**Conclusion**

13. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Please see the following:

- a. Hopprich et al. (USPN 6,792,474)
- b. Zhang (USPN 6,845,094)
- c. Tang et al. (USPN 6,791,583)

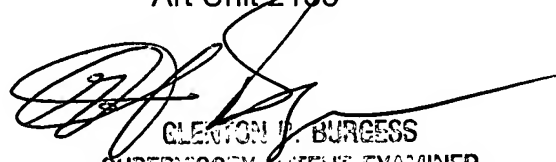
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kevin Parton whose telephone number is (571)272-3958. The examiner can normally be reached on M-F 8:00AM - 4:30PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Glenton Burgess can be reached on (571)272-3949. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

ksp

Kevin Parton  
Examiner  
Art Unit 2153

  
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